



NORTH CAROLINA

Department of Transportation



Lessons Learned

November 6, 2018

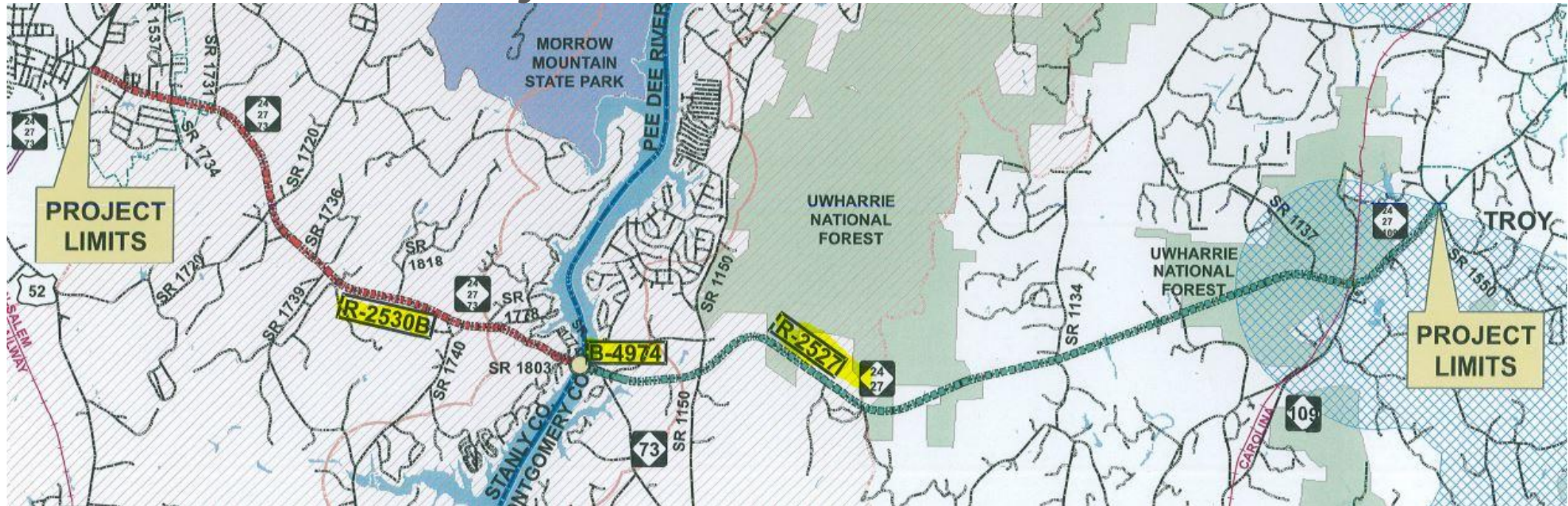
Project Manager Workshop

Schedules and Status Reports

- Every project needs one:
 - From the simplest bridge to a major new location for planning, design and construction.
 - Gives everyone deadlines that are essential and aids in claims, schedule changes, manpower availability and accountability
- Needs to be Review and Commented on:
 - Each month
 - Marked up and returned to PEF
 - If behind, request how they plan to make up this delay and a revised schedule
 - Status reports provide NCDOT with possible delays, risk and changes, along with letting the PEF & NCDOT know what to expect in the next couple of months.

Milestone Description	Scheduled Date	Revised	Actual Date
TO #1 NTP	1/11/2018		1/11/2018
Property Owner Notification Letter	2/2018		2/9/2018
Conduct Project Site Visit and Kickoff Meeting	3/2018		4/19/2018
Natural Resource Technical Report Due	4/2018	Late	8/6/2018
Submit GeoEnvironmental	4/2018	Late	7/11/2018
Community Characteristics Report Complete	4/2018		4/20/2018
LOM and Public Meeting		1/2019	
Capacity Analysis Due	5/2018	Late	11/2018
Traffic Accident Analysis	5/2018	Late	6/22/2018
Preliminary JD Package	5/2018	Late	8/2018
Air Quality Analysis	5/2018	Late	2/2019
Internal Scoping Meeting Held	6/2018		6/27/2018
Submit Functional Roadway Plans for Review, (LT, RT, BF)	7/2018	Late	12/2018
Preliminary Hydraulics Report	8/2018	1/2019	
External Scoping and Merger Screening	8/16/2018		8/16/2018
Traffic Noise Report	9/2018	2/2019	
Community Impact Assessment Due/ ICE	9/2018	1/2019	
LOM and Public Meeting	10/2018	4/2019	
Final Surveys	12/2018		
Draft State EA/FONSI	5/30/19	6/2019	
State EA/FONSI	8/30/2019		
Right of Way Plans Complete	07//2021		
Project Let	1/2022		

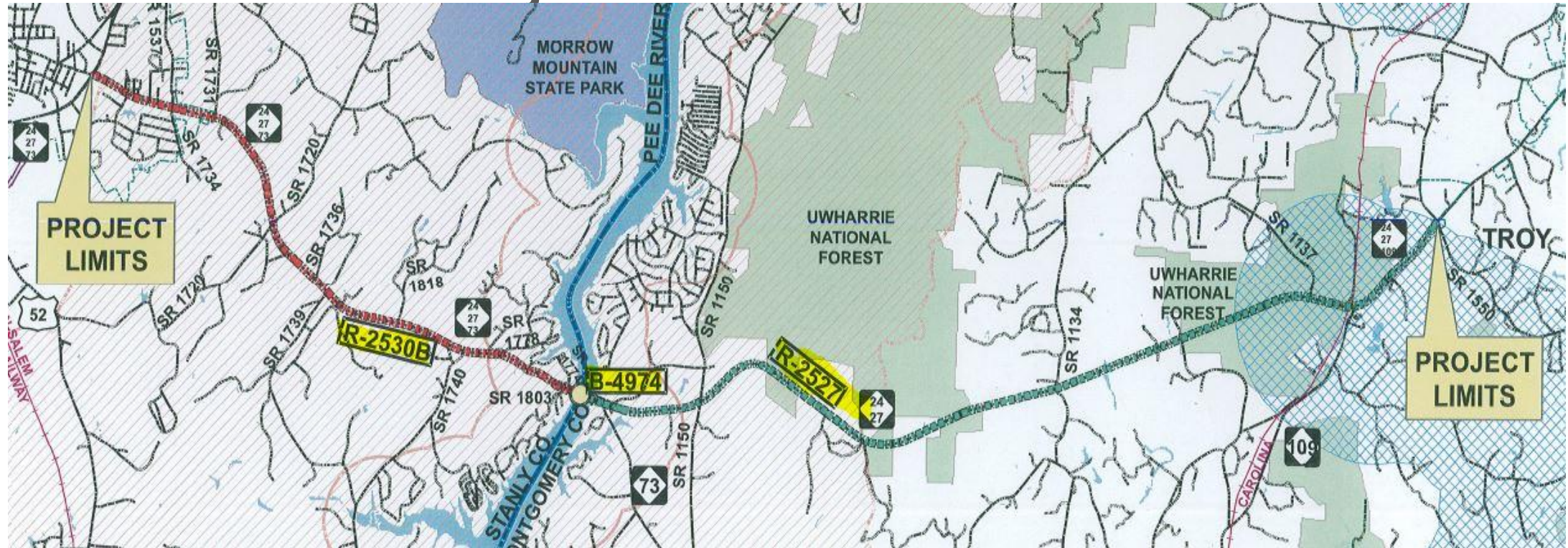
Combined Projects



A combined environmental document for multiple projects affects multiple items during design and let, such as:

- Phase Permit projects with several years difference in letting, at time of submitting the permit for 1st project or portion, a minimum of 25% design should be completed on all projects in the NEPA document.
- Historic MOAs for eligible sites and Biological Evaluation (BE) for species on any portion of the project requires approval from resource agency (USFS) prior to permitting approval of 1st phase.
- The 404/401 permit needs to be approved prior to obtaining the approved FERC permit

Combined Projects



- If an approved NEPA document requires a re-evaluation or consultations for the action (i.e. R/W or Let on any segment of the project) and the action is subsequently State funded, re-evaluations will be approved by FHWA. However, consultations will be approved by NCDOT.

Railroads:

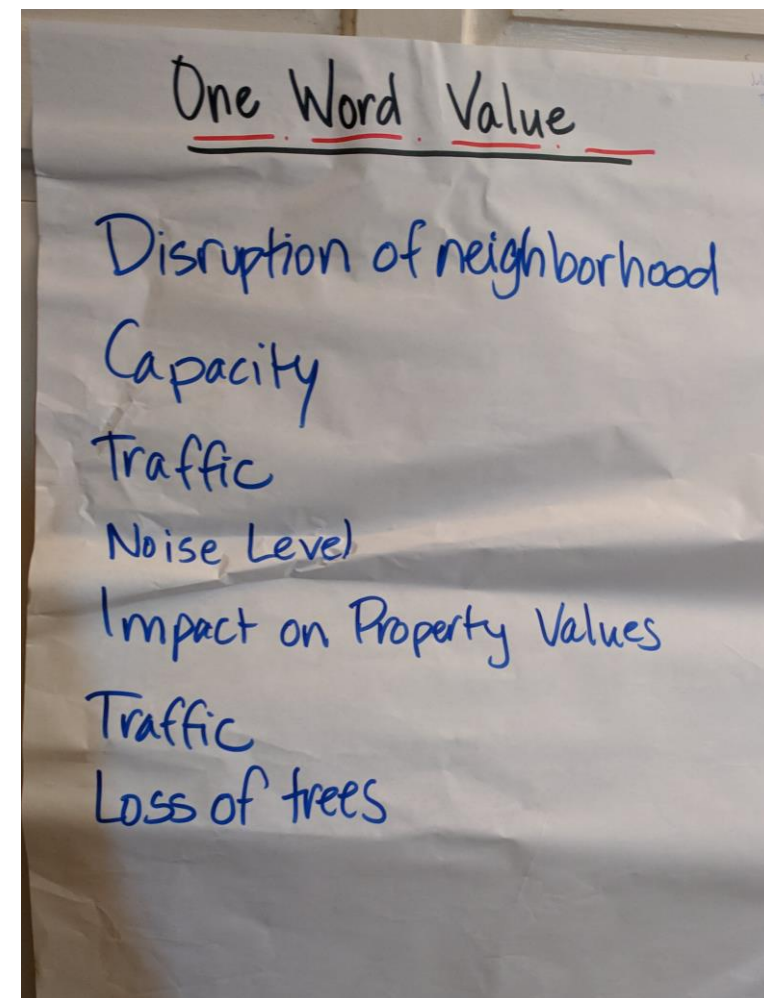
- How Railroads affects the project should be considered early in the design process as it relates to each concept or alternative.
- The same considerations of replacing a railroad bridge Preliminary designs should be considered just as if your were replacing an existing roadway grade separation
 - What is the existing vertical clearance
 - Coordinate with the Rail Division early in the process to determine anticipated vertical clearance if road is over railroad, future track needs, existing number of trains per day, speed, etc.
 - How will rail traffic be maintained during construction if rail bridge needs replacement?
 - How will existing highway traffic be maintained?
- Once you have some viable options then coordinate with Rail Division and their designer, then Railroad.

- Organize a small group
 - Define the problem or the situation
 - Generate alternative solutions.
 - Implemented and followed up on the solution.



You are not Alone

- Issue was to let the community know we heard them
 - Initiated a strategic planning session with focus group (NCDOT, and FHWA) to discuss the issue or issues with the project
 - Developed a new process, which is still in developed stage
 - Hired a community relations firm
 - Had a press conference/release about new the process
- New process involves
 - Listening sessions (small groups with facilitators)
 - Hired three (3) engineering firms to independently develop up to three (3) concepts each (total of up to 9)
 - NCDOT, City of Raleigh and CAMPO will review and determine which concepts will be presented at 1st public meeting
 - Up to nine (9) concepts will be presented at 1st public meeting with each concept identifying how the stakeholders values were met
 - Refined concepts to alternatives to be presented at 2nd public meeting



Questions?

